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(57) Abstract

Objects of the InventionIn this invention, the bandwidth at the time of bidirectional moving image communication is used effectively.

Therefore, it aims at providing the bidirectional video transmission equipment which can control the image quality deterioration by a transmission error without the increase in the amount of modulation codes.

Elements of the InventionIn bidirectional video transmission equipment, when an error, packet loss, etc. which cannot be corrected to a received signal when there are few amounts of modulation codes of a uni directional are detected, a picture which carried out correction processing of the error by a receiver is transmitted to the transmitting side using an upstream, and the contents of the reference image memory are locally updated at the transmitting side.

Claim(s)

Claim 1An encoding means which codes a dynamic image signal using an image comparison, and a transmitting means which transmits a coded dynamic image signal, In video transmission equipment which consists of an origination side and a receiver which were provided with a reception means which receives a coded dynamic image picture signal from an origination side, and a decoding means which decodes a received coded dynamic image picture signal, respectively, A receiver codes a portion corrected with a dynamic image signal decoded by said decoding means by said encoding means, transmits to this origination side by said transmitting means, and this origination side, Video transmission equipment which decodes an encoded

signal of a portion which performed said received correction by said decoding means, and is characterized by writing a portion which performed said decoded correction in said image comparison.

Claim 2The video transmission equipment according to claim 1 which is what said receiver adds an error correcting code whose relative redundancy is higher than a received coded dynamic image picture signal to an encoded signal of a portion which performed said correction, and transmits to this origination side.